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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> 12810-00320-US
INTERNATIONAL APPLICATION NO. PCT/EP2005/000784	INTERNATIONAL FILING DATE 27 January 2005	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>107585590</b>
		PRIORITY DATE CLAIMED 29 January 2004
<b>TITLE OF INVENTION: PRODUCTION OF 3-PENTENENITRILE FROM 1,3-BUTADIENE</b>		
APPLICANT(S) FOR DO/EO/US: Jens Scheidel et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

1A P20 Rec'd PCT/PTO 11 JUL 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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U. S. APPLICATION NO. (if known, see 37 CFR 1.5) **107585590**

INTERNATIONAL APPLICATION NO.  
PCT/EP2005/000784

ATTORNEY'S DOCKET NUMBER  
12810-00320-US

20.  Other items or information: Form PCT/IPEA/409, Postcard, Certificate of Express Mail

The following fees have been submitted		CALCULATIONS	PTO USEONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) .....	\$300	\$ 300.00		
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). .... All other situations .....	\$0 \$200	\$ 200.00		
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .... Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... All other situations.....	\$0 \$100 \$400 \$500	\$ 400.00		
<b>TOTAL OF 21, 22 and 23 =</b>		<b>\$ 900.00</b>		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
40 - 100 =	/50 =		x \$250.00	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$		
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE
Total claims	10 - 20 =		x	0.00
Independent claims	1 - 3 =		x	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+	
		<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 900.00</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				
		<b>SUBTOTAL =</b>		<b>\$ 900.00</b>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$		
		<b>TOTAL NATIONAL FEE =</b>		<b>\$ 900.00</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+		\$
		\$		
		<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 900.00</b>
		Amount to be refunded:	\$	
		Amount to be charged	\$	

10/585590

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

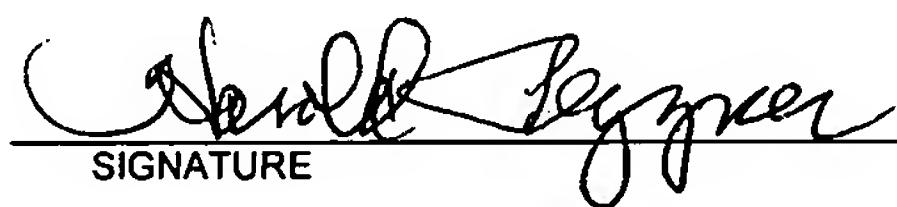
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10/20/06 REC'D BY PTO 11 JUL 2006

- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. 03-2775 in the amount of \$ 900.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-2775. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

  
SIGNATURE

Harold Pezzner

NAME

CUSTOMER NUMBER: 23416

22,112  
REGISTRATION NUMBER

AP20 Rec'd PCT/PTO 11 JUL 2006

PTO/SB/17 (01-06)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<p>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</p> <p><b>FEE TRANSMITTAL</b></p> <p><b>For FY 2006</b></p>		<p align="center"><b>Complete if Known</b></p> <table border="1"> <tr> <td>Application Number</td> <td>Not Yet Assigned 55590</td> </tr> <tr> <td>Filing Date</td> <td>Concurrently Herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Jens Scheidel</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Art Unit</td> <td>N/A</td> </tr> <tr> <td>Attorney Docket No.</td> <td>12810-00320-US</td> </tr> </table>		Application Number	Not Yet Assigned 55590	Filing Date	Concurrently Herewith	First Named Inventor	Jens Scheidel	Examiner Name	Not Yet Assigned	Art Unit	N/A	Attorney Docket No.	12810-00320-US
Application Number	Not Yet Assigned 55590														
Filing Date	Concurrently Herewith														
First Named Inventor	Jens Scheidel														
Examiner Name	Not Yet Assigned														
Art Unit	N/A														
Attorney Docket No.	12810-00320-US														
<p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>															
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\\$)</b>	900.00													

**METHOD OF PAYMENT** (check all that apply)

Check     Credit Card     Money Order     None     Other (please identify): \_\_\_\_\_

Deposit Account    Deposit Account Number: 03-2775    Deposit Account Name: \_\_\_\_\_

Connolly Bove Lodge & Hutz LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below

Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17

Charge fee(s) indicated below, except for the filing fee

Credit any overpayments

**FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**

## **1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		
	<u>Fee (\$)</u>	<u>Small Entity</u> <u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity</u> <u>Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity</u> <u>Fee (\$)</u>	<u>Fees Paid (\$)</u>
Utility	300	150	500	250	200	100	<u>900.00</u>
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## **2. EXCESS CLAIM FEES**

**Fee Description**

Each claim over 20 (including Reissues) 50 25

Each independent claim over 3 (including Reissues) 200 100

**Multiple dependent claims** 360 180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
<u>10</u>	- 20 = <u>                </u>	x <u>                </u>	= <u>                </u>

**Multiple Dependent Claims**

**HP** = highest number of total claims paid for, if greater than 20.

**Indep. Claims      Extra Claims      Fee (\$)**      **Fee Paid (\$)**

$$1 - 3 = x =$$

**HP = highest number of independent**

**3. APPLICATION SIZE FEE**  
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 116(a)(C) and 37 CFR 1.16(a).

Total Sheets      Extra Sheets      Number of each additional 50 or fraction thereof      Fee (\$)      Fee Paid (\$)

40      100 =      /50      (round up to a whole number) x      =

#### 4 OTHER FEE/SY

**Non-English Specification \$130 fee (no small entity discount)**

Non-English Specification, \$130 fee (no small entity discount)  
Q1 - Q4 1631 Basic National Stage fee 300.00

Other (e.g., late filing surcharge): **1631 Basic National Stage fee** **300.00**  
**1633 National Stage Examination Fee - all other** **200.00**

1633 National Stage Examination Fee - all other ... 200.00  
1642 National Stage Search Fee - search report 400.00

<b>SUBMITTED BY</b>				
Signature		Registration No. (Attorney/Agent)	22,112	Telephone
Name (Print/Type)	Harold Pezzner		Date	7/11/06 (302) 658-9141

475509

107585590

SAP20 Rec'd PCT/PTO 11 JUL 2006

Application No. (if known): Not Yet Assigned

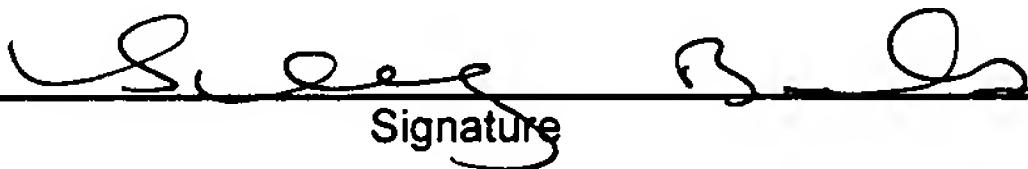
Attorney Docket No.: 12810-00320-US

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV686923575US in an envelope addressed to:

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Shirley E. Brooks

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Registration Number, if applicable

Telephone Number

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Transmittal Letter to the United States Designated-Elected Office  
Fee Transmittal  
Application Data Sheet  
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English language translation of the International application  
Executed Combined Declaration and Power of Attorney  
Preliminary Amendment  
Information Disclosure Statement, SB08, with references  
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Authorization to charge \$900.00 to deposit account 03-2775